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NPIC/R-1144/64

March 1964

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR

GOLDEN TREE MISSION 3859

11 MARCH 1964

Declass Review by  
NIMA/DOD

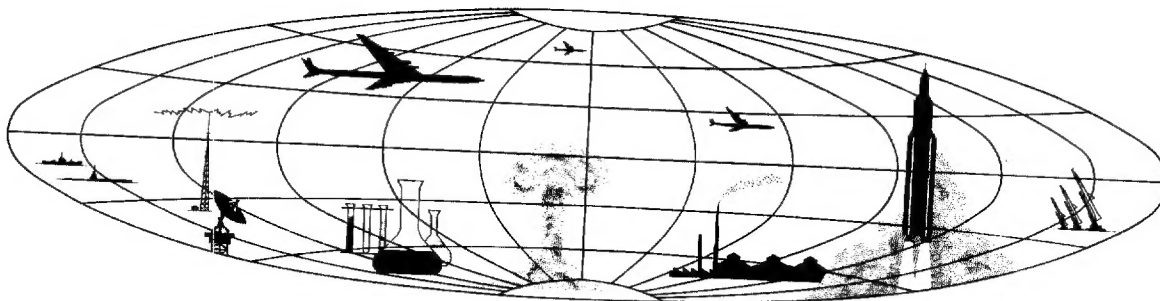


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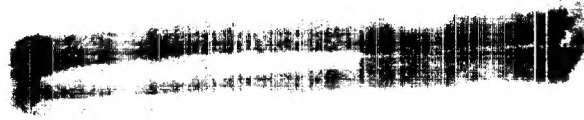
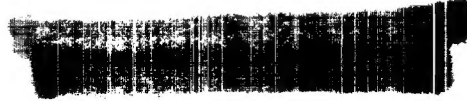


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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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PREFACE

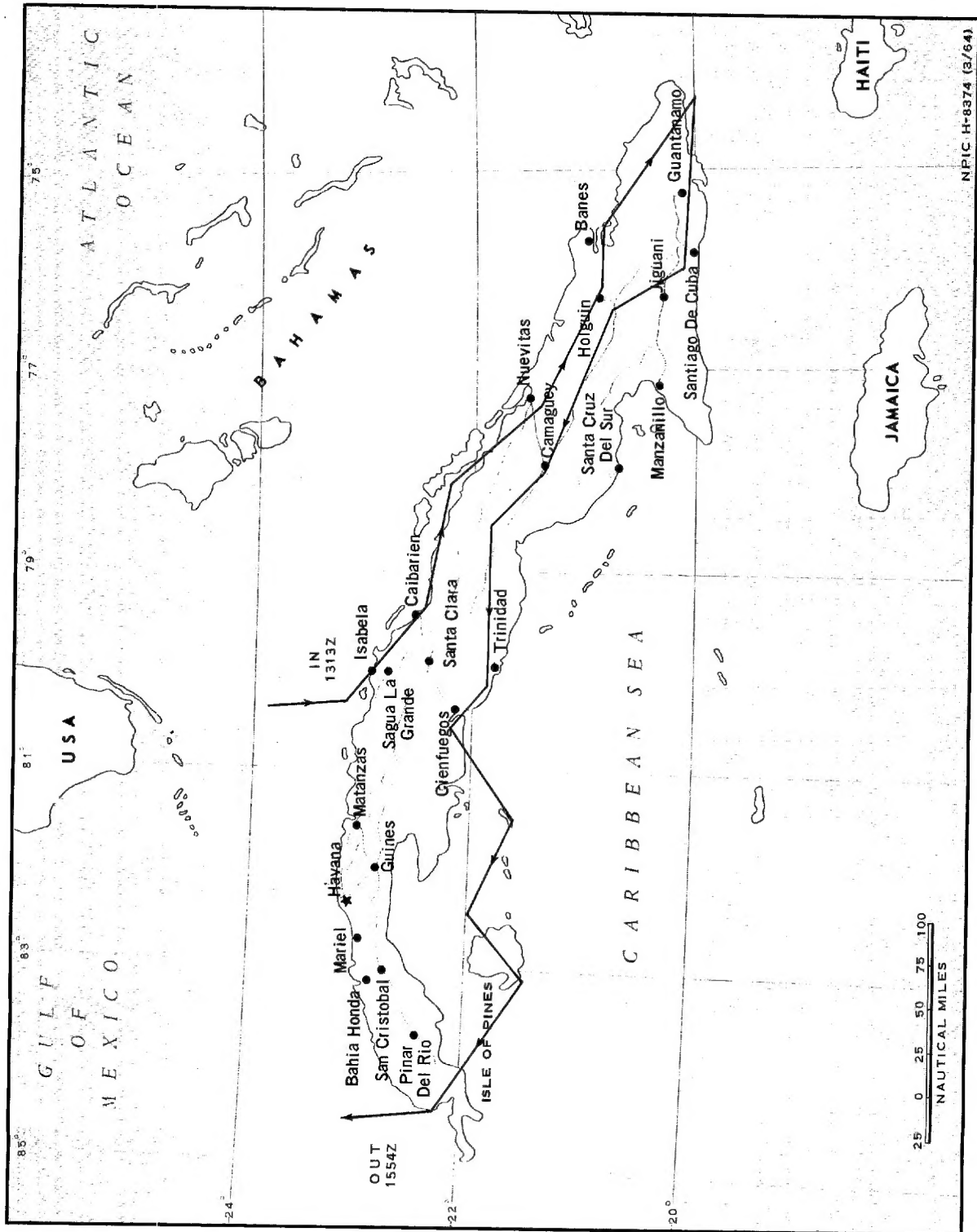
THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GOLDEN TREE MISSION 3859, DATED 11 MAR 1964. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUDS), HC (HEAVY CLOUDS), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).

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APPROXIMATE TRACK OF GOLDEN TREE MISSION 3859, 17 MARCH 1964.

NPIC H-8374 (3/64)

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MISSILES

CIENFUEGOS SAM SITE 2202N 08024W

25X1

SIX UNRENETTED LAUNCHERS (4 WITH MISSILES, ONE PROBABLY WITH MISSILE), 3 NET-COVERED HOLD AREAS, 12 MISSILE TRANSPORTERS (ONE CANVAS-COVERED AND ONE AT LAUNCHER), 10 TRACKED PRIME MOVERS, 2 CARGO TRUCKS, ONE TRUCK-MOUNTED CRANE, 3 OTHER VEHICLES, 8 OTHER VEHICLES OR PIECES OF EQUIPMENT, 3 VAN TRAILERS, AND A GUIDANCE AREA CONTAINING RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED.  
NO APPARENT CHANGE IN FACILITIES. ROAD AND PARKING APRON SURFACING CONTINUES.

25X1

SAGUA LA GRANDE SAM SITE 2251N 08005W

25X1

SIX REVETTED CANVAS-COVERED LAUNCHERS, A CANVAS-COVERED HOLD AREA, A CANVAS-COVERED PARKING AREA, 3 PROBABLE TRACKED PRIME MOVERS, 5 CARGO TRUCKS, 2 VAN TRUCKS, ONE CARGO TRAILER, 5 VAN TRAILERS, AND A GUIDANCE REVETMENT CONTAINING RADAR AND AT LEAST 3 VAN TRAILERS OBSERVED.  
NO APPARENT CHANGE IN FACILITIES.

25X1

CAIBARIEN SAM SITE 2228N 07929W

25X1

SIX UNRENETTED LAUNCHERS (2 WITH PROBABLE MISSILES AND ONE CANVAS-COVERED), ONE CANVAS-COVERED MISSILE TRANSPORTER AT LAUNCHER, A CANVAS-COVERED HOLD AREA, ONE PROBABLE UTILITY TRUCK, 3 PROBABLE VAN TRAILERS, AND AN OCCUPIED GUIDANCE AREA OBSERVED.  
NO APPARENT CHANGE IN FACILITIES.  
CLOUD SHADOW AND HAZE LIMIT INTERPRETATION.

25X1

SIGUANEA SAM SITE 2137N 08257W

SIX LAUNCHERS (5 REVETTED, ONE WITH MISSILE AND 3 CANVAS-COVERED), 3 MISSILE TRANSPORTERS (ONE CANVAS-

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COVERED), 9 PROBABLE MISSILE TRANSPORTERS, ONE CANVAS-COVERED HOLD AREA, 15 TRACKED PRIME MOVERS (14 CANVAS-COVERED), 24 CARGO TRUCKS, 2 UTILITY TRUCKS, 3 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR AND SHED-COVERED EQUIPMENT OBSERVED.

NO APPARENT CHANGE IN FACILITIES.

NW AREA -- 12 CARGO TRUCKS, 3 OTHER VEHICLES, AND 11 FA PIECES.

SSE AREA -- 4 CANVAS-COVERED PARKING AREAS, 6 CARGO TRUCKS, 2 UTILITY TRUCKS, ONE PROBABLE TRUCK-MOUNTED CRANE, AND ONE OTHER VEHICLE.

25X1

SANTIAGO DE CUBA SAM SITE 1959N 07550W

SIX UNRETTED LAUNCHERS (ONE CANVAS-COVERED), 5 MISSILE TRANSPORTERS, 5 PROBABLE CARGO TRUCKS, 5 PROBABLE VAN TRUCKS, 6 PROBABLE VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR AND SHED-COVERED EQUIPMENT OBSERVED.

NO APPARENT CHANGE IN FACILITIES.

25X1

SANTIAGO DE CUBA SAM ASSEMBLY AREA 2003N 07553W

TWENTY-FOUR MISSILE TRANSPORTERS, 12 CANVAS-COVERED POSSIBLE TRACKED PRIME MOVERS, APPROXIMATELY 55 CARGO TRUCKS, AND AT LEAST 10 VEHICLES OR PIECES OF EQUIPMENT OBSERVED.

THE 3-GUN AAA SITE REMAINS OCCUPIED.

25X1

MALDONADO SAM SITE 2012N 07528W

SIX RETTTED LAUNCHERS (ONE CANVAS-COVERED), ONE CANVAS-COVERED MISSILE TRANSPORTER ADJACENT TO LAUNCHER, ONE CANVAS-COVERED HOLD RETTMENT, APPROXIMATELY 12 CANVAS-COVERED TRACKED PRIME MOVERS, AND A GUIDANCE RETTMENT WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED.

25X1

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CAMAGUEY AIRFIELD SAM SITE 2122N 07750W

SIX UNREVELLED LAUNCHERS (3 WITH MISSILES), 2 LAUNCHERS IN SUPPORT AREA, 7 CANVAS-COVERED MISSILE TRANSPORTERS, 8 TRACKED PRIME MOVERS, 5 TRUCK-TRACTORS, 7 NET-COVERED CARGO TRUCKS, 2 VAN TRUCKS, 6 OTHER VEHICLES, 7 PROBABLE VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN FACILITIES.

25X1

25X1

HOLGUIN SAM SITE 2052N 07627W

SIX UNREVELLED LAUNCHERS, 7 MISSILE TRANSPORTERS (4 CANVAS-COVERED AND 3 WITH MISSILES ADJACENT TO LAUNCHERS), 15 TRACKED PRIME MOVERS (7 CANVAS-COVERED), 4 CARGO TRUCKS, ONE VAN TRUCK, 2 UTILITY TRUCKS, 3 VAN TRAILERS, 3 UNIDENTIFIED VEHICLES, 4 UNIDENTIFIED PIECES OF EQUIPMENT, AND A GUIDANCE AREA CONTAINING RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN FACILITIES.

25X1

PRESTON SAM SITE 2044N 07538W

SIX REVELLED LAUNCHERS (3 WITH MISSILES), 6 MISSILE TRANSPORTERS (2 WITH PRIME MOVERS), 11 TRACKED PRIME MOVERS, 4 TRUCK-TRACTORS, 2 CARGO TRUCKS, 2 PROBABLE VAN TRUCKS, 3 VAN TRAILERS, 6 UNIDENTIFIED VEHICLES, AND A GUIDANCE REVELMENT WITH RADAR AND 6 VAN TRAILERS OBSERVED.

25X1

25X1

BANES CRUISE-MISSILE SITE 2058N 07538W

TWO REVELLED LAUNCHERS AND A CANVAS-COVERED GUIDANCE AREA OBSERVED IN CLOUD-FREE AREAS.

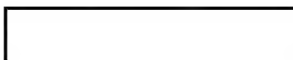
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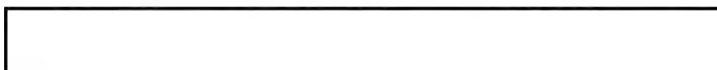


AIR FACILITIES

CAMAGUEY INTERNATIONAL AIRFIELD 2125N 07750W

NO AIRCRAFT OBSERVED IN CLOUD-FREE AREAS.

25X1



HOLGUIN AIRFIELD 2047N 07618W

AIRCRAFT -- 10 FAGOT AND 10 HOUND.

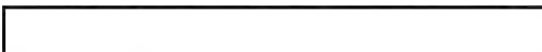
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ANTONIO MACEO AIRFIELD 1958N 07550W

AIRCRAFT -- 2 C-47, 6 LIAISON, AND ONE HOUND.

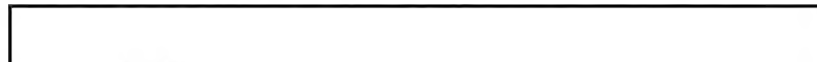
25X1



SAN JULIAN AIRFIELD 2205N 08409W

AIRCRAFT -- ONE FAGOT/FRESCO, 31 ZLIN TRENER, AND 4 LIAISON OBSERVED IN CLOUD-FREE AREAS.

25X1



COLONEL MARTIN MARRERRO AIRFIELD 2150N 08246W

NO AIRCRAFT OBSERVED.  
THE 6-GUN AAA SITE REMAINS OCCUPIED.

25X1



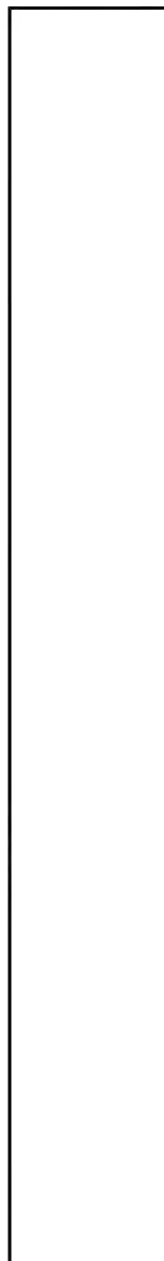
JAIME GONZALES AIRFIELD 2209N 08024W

NO AIRCRAFT OBSERVED.

25X1



25X1



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BAYAMO AIRFIELD EAST 2022N 07637W

AIRCRAFT -- 3 UNIDENTIFIED AIRCRAFT.



NAVAL ACTIVITY/PORTS

SIGUANEA NAVAL BASE 2136N 08258W

VESSELS -- 2 P-6 MTB AND 3 YP.



BANES NAVAL BASE 2055N 07542W

VESSELS -- ONE PROBABLE KRONSTADT-CLASS PC AND 2 YP.  
EIGHT OF THE 11 CRATES REMAIN. FIVE CARGO TRUCKS,  
4 UTILITY TRUCKS, AND 6 UNIDENTIFIED VEHICLES OBSERVED  
IN THE PORT AREA.



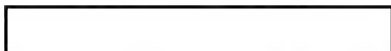
CIENFUEGOS NAVAL BASE 2208N 08027W

VESSELS -- 2 KRONSTADT-CLASS PC, ONE PCE, 6 P-6 MTB  
(ONE ON MARINE RAILWAY), ONE YP ON MARINE RAILWAY,  
2 LARGE FREIGHTERS, ONE COASTAL TANKER, AND ONE  
PROBABLE COASTAL TANKER OBSERVED IN CLOUD-FREE AREAS.



MANZANILLO PORT 2021N 07707W

VESSELS -- ONE LARGE FREIGHTER.



MOA PORT 2039N 07456W

VESSELS -- ONE LARGE FREIGHTER.

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25X1

[REDACTED]

SANTIAGO DE CUBA PORT AND NAVAL BASE 2001N 07550W

VESSELS -- 3 LARGE FREIGHTERS AND ONE LARGE TANKER.

25X1

[REDACTED]

NUEVITAS PORT 2132N 07715W

VESSELS -- 2 LARGE FREIGHTERS OBSERVED IN CLOUD-FREE AREAS.

25X1

[REDACTED]

NUEVA GERONA PORT 2153N 08240W

NO LARGE VESSELS OBSERVED.

25X1

[REDACTED]

LA ISABELA PORT 2256N 08000W

NO LARGE VESSELS OBSERVED.

25X1

[REDACTED]

CASILDA PORT 2145N 07959W

NO LARGE VESSELS OBSERVED.

25X1

[REDACTED]

SURGIDERO DE BATABANO PORT 2241N 08217W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

25X1

[REDACTED]

25X1

[REDACTED]

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PUERTO PADRE PORT 2113N 07632W

NO LARGE VESSELS OBSERVED.



MILITARY ACTIVITY

GUANTANAMO AREA 2018N 07525W

TRENCH SYSTEM OBSERVED ON LEFT (EAST) BANK OF  
YATERITAS RIVER EXTENDING FROM UTM 18QVT990119 -  
992121.

(AMS SERIES E723, SHEET 5176 II, 4TH ED).



HOLGUIN MILITARY CAMP 2053N 07613W

NO APPARENT CHANGE IN CLOUD-FREE AREAS SINCE



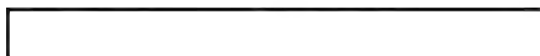
OFELIA MILITARY CAMP 2006N 07530W

NO APPARENT CHANGE IN FACILITIES.  
TWENTY-EIGHT TANKS/SP GUNS, 5 PROBABLE TANKS/SP GUNS,  
97 CARGO TRUCKS, 6 VAN TRUCKS, 9 UTILITY TRUCKS, ONE  
BULLDOZER, 12 VEHICLES OR PIECES OF EQUIPMENT, 18 AAA  
PIECES, 32 FA PIECES, AND 18 MORTARS OBSERVED.



REMEDIOS MILITARY AREA 2227N 07935W

MAIN CAMP -- 6 BRDM APC, 10 CARGO TRUCKS, 14 OTHER  
VEHICLES, AND 6 PROBABLE FA PIECES OBSERVED IN CLOUD-  
FREE AREAS.



25X1

25X1

25X1

25X1

25X1

25X1

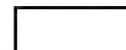
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CAMAGUEY MILITARY CAMP 2126N 07753W



25X1

THIRTY-SEVEN CARGO TRUCKS (6 IN THE SECURED AREA), AT  
LEAST 25 FA PIECES, AND AT LEAST 17 MORTARS OBSERVED  
IN CLOUD-FREE AREAS.

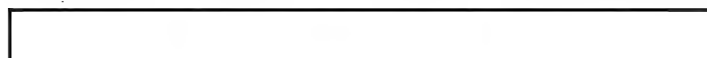
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EL CRISTO MILITARY INSTALLATION 2008N 07547W

MAIN CAMP -- NO APPARENT CHANGE IN FACILITIES. SIX  
POSSIBLE BRDM, 23 CARGO TRUCKS, 6 PROBABLE CARGO  
TRUCKS, AND 7 FA PIECES.  
AREA 1.6 NM NE -- 24 CARGO TRUCKS, ONE TRACKED PRIME  
MOVER WITH BLADE, ONE TRUCK-MOUNTED CRANE, ONE  
BACKHOE, AND 3 POSSIBLE CARGO TRAILERS.

25X1



SANTA FE MILITARY CAMP LUMUMBA 2142N 08249W

NO APPARENT CHANGE IN FACILITIES.  
EIGHT CARGO TRUCKS OBSERVED.  
THE 3-GUN AAA SITE REMAINS OCCUPIED.

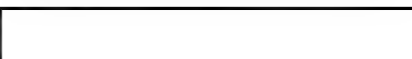
25X1



JURAGUA MILITARY ACTIVITY 2209N 08035W

NO APPARENT CHANGE IN FACILITIES.  
FIFTEEN CARGO TRUCKS AND 16 FA PIECES OBSERVED.

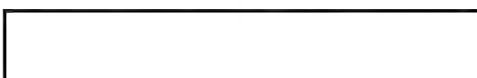
25X1



GUANE MILITARY CAMP 2212N 08408W

NO APPARENT CHANGE IN FACILITIES.  
FIFTEEN PROBABLE TANKS/SP GUNS AND AT LEAST 27 OTHER  
VEHICLES OR PIECES OF EQUIPMENT OBSERVED.

25X1



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HOLGUIN MILITARY CAMP NW 2057N 07616W

NO APPARENT CHANGE IN FACILITIES.  
AT LEAST 18 PROBABLE TANKS/SP GUNS, ONE CARGO TRUCK,  
AND 6 PROBABLE AAA PIECES OBSERVED IN CLOUD-FREE  
AREAS.

25X1

25X1

LA JUTIA MILITARY INSTALLATION 2154N 08015W

NO APPARENT CHANGE IN FACILITIES.  
EIGHTEEN CARGO TRUCKS OBSERVED.

25X1

TRINIDAD AREA POSS MIL HEADQUARTERS 2150N 07953W

NO APPARENT CHANGE IN FACILITIES.  
SEVEN CARGO TRUCKS AND AT LEAST 15 FA PIECES OBSERVED.

25X1

ALTAGRACIA MILITARY AREA 2123N 07742W

FIFTEEN TANKS/SP GUNS AND ONE CARGO TRUCK OBSERVED IN  
CLOUD-FREE AREAS.

25X1

ANTON RECIO MILITARY INSTALLATION 2211N 08036W

NO APPARENT CHANGE IN FACILITIES.  
NINETEEN TANKS/SP GUNS, 3 PROBABLE BRDM APC, AND  
4 CARGO TRUCKS OBSERVED IN CLOUD-FREE AREAS.  
THE 6-GUN AAA SITE IS OCCUPIED. SIX CARGO TRUCKS  
OBSERVED AT SITE.

25X1

25X1

SANTA ISABEL FINCA MILITARY CAMP 2005N 07528W

MAIN CAMP -- 14 CARGO TRUCKS, 10 POSSIBLE CARGO

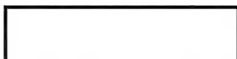
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TRUCKS, 4 FA PIECES, AND 5 UNIDENTIFIED PIECES OF  
EQUIPMENT.  
CAMP ONE NM NORTH -- 10 CARGO TRUCKS AND 11 FA PIECES.

25X1



TACAJO MILITARY CAMP 2051N 07558W

AREA 1 -- AT LEAST 7 UNIDENTIFIED VEHICLES.  
AREA 2 -- ABANDONED.  
AREA 3 -- CLOUD COVERED.  
AREA 4 -- 13 CARGO TRUCKS AND 18 FA PIECES.  
AREA 5 -- 5 CARGO TRUCKS, 2 VAN TRUCKS, AND  
8 UNIDENTIFIED VEHICLES.  
AREA 6 -- 11 UNIDENTIFIED VEHICLES.  
AREA 7 -- 10 CARGO TRUCKS AND ONE UTILITY TRUCK.  
AREA 8 -- ABANDONED.  
AREA 9 -- AT LEAST 8 TANKS/SP GUNS.  
CLOUD SHADOW LIMITS INTERPRETATION.

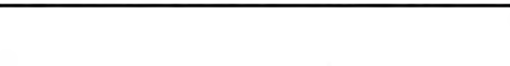
25X1



DOS CAMINOS MILITARY TRAINING AREA 2014N 07547W

NO APPARENT CHANGE IN FACILITIES.  
THIRTY-ONE TRACKED PRIME MOVERS, APPROXIMATELY  
50 CARGO TRUCKS AND 71 FA PIECES OBSERVED.  
THE 6-GUN AND TWO 3-GUN AAA SITES REMAIN OCCUPIED.

25X1



JAGUA MILITARY AREA 2205N 08029W

NO APPARENT CHANGE IN FACILITIES.  
EIGHTEEN CARGO TRUCKS OBSERVED.

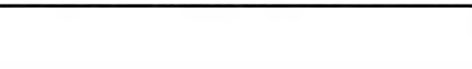
25X1



LA VEGUITA MILITARY CAMP 2049N 07615W

NO APPARENT CHANGE IN FACILITIES.  
FIFTEEN PROBABLE CARGO TRUCKS OBSERVED.

25X1



25X1



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-STATUS OF OTHER TARGETS OBSERVED-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE  
SINCE LAST COVERAGE--

SAGUA LA GRANDE MRBM SITE 2	2239N 07951W
SANTIAGO DE CUBA CRUISE-MISSILE STORAGE	2004N 07551W
LOS CANOS AIRFIELD	2005N 07509W
SIGUANEA AIRFIELD	2138N 08257W
TRINIDAD AIRFIELD	2147N 07959W
JUCARO PORT	2137N 07851W

SAN ANTONIO MILITARY CAMP	2054N 07550W
CAMAGUEY MILITARY INSTALLATION	2117N 07800W
SIBONEY LANDING BEACH	1957N 07542W
PLAYA YATERITAS LANDING BEACH	1958N 07457W
CIENFUEGOS LANDING BEACH	2202N 08036W
MAR VERDE LANDING BEACH	1957N 07557W
ENSENADA COLORADO LANDING BEACH	2202N 08025W
PLAYA COLOMBO LANDING BEACH	2154N 08246W
PLAYA DE FLAMENCOS LANDING BEACH	2153N 08243W
NICARO LANDING BEACH	2042N 07533W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT  
NOT INTERPRETED--

SAN JULIAN SAM SITE	2205N 08408W
SANTIAGO DE CUBA SAM ASSEMBLY AREA	2003N 07553W
DELEITE SAM SITE	2259N 08045W
VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA	2104N 07700W
SANTA CLARA SAM SITE	2229N 08000W
NUEVITAS SAM SITE 2	2132N 07717W
MAYARI ARRIBA CRUISE-MISSILE ACTIVITY	2027N 07531W
CAMILO CIENFUEGOS AIRFIELD	2229N 07955W
CAIBARIEN PORT	2231N 07928W
CAMAGUEY MILITARY CAMP COUNTRY CLUB	2121N 07751W
ALTO CEDRO MILITARY CAMP	2029N 07600W
MATAGUA MILITARY CAMP	2215N 08002W
MINAS MILITARY CAMP	2127N 07734W
BARAJAGUA STORAGE DEPOT	2208N 08004W
MANICARAGUA STORAGE AREA	2206N 07958W

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